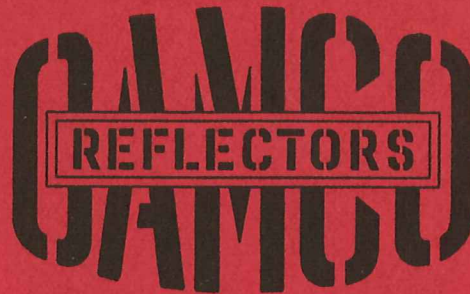


**CATALOG No. 89**

**GRAVES ELECTRIC SUPPLY CO.**

28 SOUTH RICHARDSON ST.

**GREENVILLE, S. C.**



**For Industrial and Commercial  
Lighting**



**MANUFACTURED BY**

**OVERBAGH & AYRES MFG.  
COMPANY**

**411 SO. CLINTON ST.**

**CHICAGO, ILLINOIS**

**GRAVES ELECTRIC SUPPLY CO.**

28 SOUTH RICHARDSON ST.

**GREENVILLE, S. C.**

**GRAVES ELECTRIC SUPPLY CO.**

28 SOUTH RICHARDSON ST.

**GREENVILLE, S. C.**

**OAMCO**

**Industrial and Commercial  
Lighting Reflectors**

**Catalogue No. 89**

February, 1934

This catalogue supersedes all former  
catalogues, bulletins, and list prices.



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Chicago, Illinois, U. S. A.





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## Illumination Data

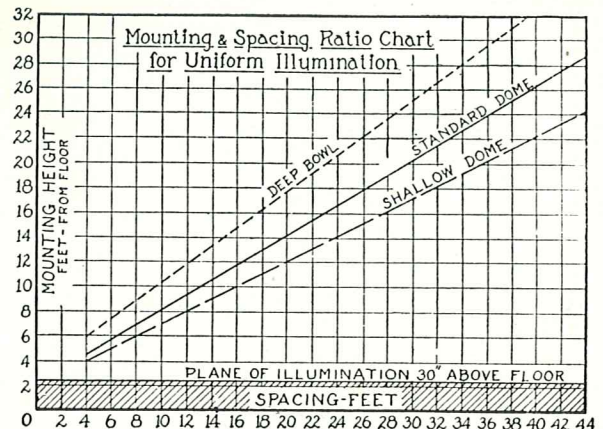
The foot-candle values given below are standard. They are an index to good practice. In most cases where higher foot-candle intensities than shown are used it is found that the benefits derived more than offset the slightly increased cost.

### Foot-Candle Illumination

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### Correct Mounting and Spacing of Reflectors

Charts give the proper method for mounting and spacing different size reflectors to attain the foot-candle value desired.



### Standard Dome Reflector Lighting Estimating Table

Approx. Area per Outlet (Sq. Ft.)	Mount- ing Height Above Floor (Feet)	Outlet Spacing (Feet)	AVERAGE FOOT-CANDLES (For Lamp Sizes as Follows)				
			100 Watt	150 Watt	200 Watt	300 Watt	500 Watt
55-65	7½	7¾ x 7¾	8-10	15-18	21-26		
65-75	8½	8½ x 8½	7-9	13-16	18-22		
75-85	8½	9 x 9	6-8	11-14	15-19		
85-95	9	9½ x 9½	5-7	10-12	14-17		
95-110	9½	10 x 10	4-6	8-10	12-15	21-26	
110-125	10	11 x 11	4-5	7-9	10-13	18-22	
125-145	10½	11½ x 11½	3-4	6-8	9-11	15-19	
145-170	11½	13 x 13	2-3	5-7	7-9	13-17	
170-200	11½	13½ x 13½	2-3	4-6	6-8	11-14	20-25
200-230	12½	14¾ x 14¾	1½-2½	3-4	5-7	10-12	17-22
230-260	13	15½ x 15½		3-4	4-6	8-10	15-19
260-300	13½	16¾ x 16¾		2-3	4-5	7-9	13-17
300-340	14½	18 x 18			3-4	6-8	12-14
340-390	15½	19 x 19			3-3½	5-7	10-12
390-440	16½	20½ x 20½			2-3	4-6	9-11
440-500	17	21¾ x 21¾				4-5	8-10





## Paint Enameled Tin Reflectors

Finished Green Outside, Reflecting Surface White

These reflectors are coated with a superior hard enamel that is very lasting. The reflecting qualities are efficient. The enamel can be cleaned with soap and water.

With Type A Collar  
For Standard 2 $\frac{1}{4}$ -Inch Shade Holder



Flat Cone

No.	List Price per 100	Diam. Inches	Standard Quantity	Package Wt. Lbs.
508	\$18.00	8	25	7
508A	23.00	10	25	10
508B	43.00	12	25	15
508C	50.00	14	25	22
508D	70.00	16	25	30



Shallow Cone

No.	List Price per 100	Diam. Inches	Standard Quantity	Package Wt. Lbs.
507A	\$26.00	8	25	9
507B	30.00	10	25	12
507C	48.00	12	25	18



Deep Cone

No.	List Price per 100	Diam. Inches	Standard Quantity	Package Wt. Lbs.
547A	\$23.30	8	25	9
547B	27.20	10	25	12
547C	50.00	12	25	17

With Type B Holder Attached  
For Brass Threaded Shell Sockets



Flat Cone

No.	List Price per 100	Diam. Inches	Standard Quantity	Package Wt. Lbs.
659	\$28.00	8	25	7
659A	36.00	10	25	10
659B	43.00	12	25	15
659C	62.00	14	25	22



Shallow Cone

No.	List Price per 100	Diam. Inches	Standard Quantity	Package Wt. Lbs.
661	\$35.00	8	25	9
661A	40.00	10	25	12
661B	55.00	12	25	18



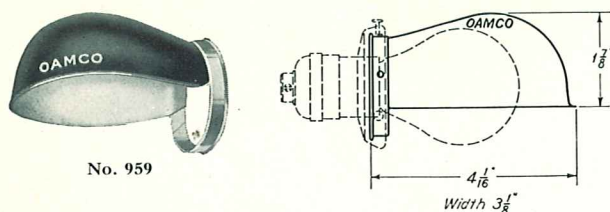
Deep Cone

No.	List Price per 100	Diam. Inches	Standard Quantity	Package Wt. Lbs.
660	\$31.00	8	25	9
660A	36.00	10	25	12
660B	47.00	12	25	17

## Half Reflectors

Material	Finish
Steel.....	Green Lacquer outside; Aluminum Bronze inside.
Brass.....	Brush Brass outside; Aluminum Bronze inside.
Brass.....	Nickel Plate outside; Aluminum Bronze inside.

### With Type A Collar For Standard 2 1/4-Inch Shade Holder

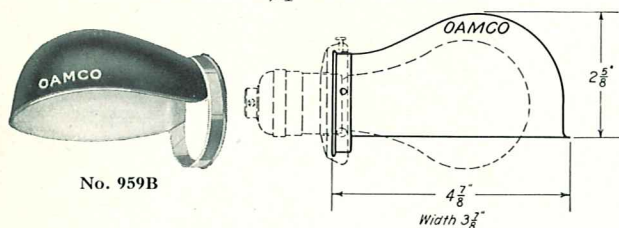


No. 959

#### For 25 or 40 Watt Lamps

No.	List Price Per 100	Finish	Standard Quantity	Package Weight Lbs.
959	\$32.00	Green	20	3
959A	61.00	Brush Brass	20	3

### With Type A Collar For Standard 2 1/4-Inch Shade Holder



No. 959B

#### For 50 or 60 Watt Lamps

No.	List Price Per 100	Finish	Standard Quantity	Package Weight Lbs.
959B	\$44.00	Green	20	6
959C	79.00	Brush Brass	20	6

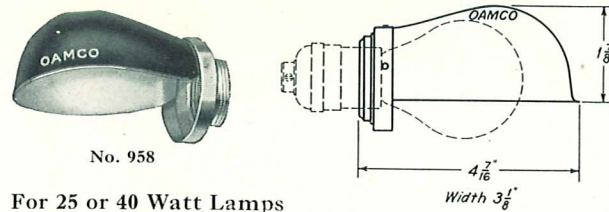
## Half Reflectors

### With Type C Holder Attached for Porcelain Sockets

#### 25 or 40 Watt Lamps

No.	List Price Per 100	Finish	Standard Quantity	Package Weight Lbs.
959D	\$48.00	Green	20	3
50 or 60 Watt Lamps				
959E	53.00	Green	20	6

### With Type B Holder Attached For Brass Threaded Shell Sockets

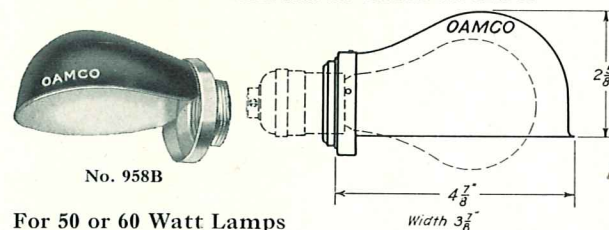


No. 958

#### For 25 or 40 Watt Lamps

No.	List Price Per 100	Finish	Standard Quantity	Package Weight Lbs.
958	\$43.00	Green	20	3
958A	83.00	Brush Brass	20	3
958D	100.00	Nickel Plate	20	3

### With Type B Holder Attached For Brass Threaded Shell Sockets



No. 958B

#### For 50 or 60 Watt Lamps

No.	List Price Per 100	Finish	Standard Quantity	Package Weight Lbs.
958B	\$48.00	Green	20	6
958C	88.00	Brush Brass	20	6
958E	105.00	Nickel Plate	20	6

## Parabola Reflectors

### For 25, 40, or 60 Watt Lamps

No. 1123



Made of steel or brass with snap-on holder for brass threaded shell sockets. Inside aluminum bronze, outside as indicated in listings; diameter 6 1/2 ins; Depth, 3 ins.

No.	List Price Each	Finish	Standard Quantity	Package Weight Lbs.
1123	\$0.50	Green	20	11
1123A	.55	Brush Brass	20	11
1123B	.60	Statuary Bronze	20	11

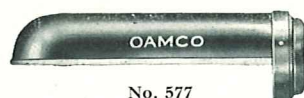




## Tubular Half Reflectors

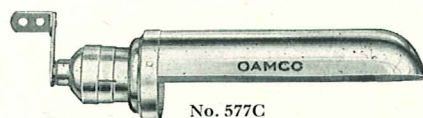
For 25 Watt T-10 Tubular Lamps

For show case lighting and other places of a similar nature. Type B holder is attached to reflector and fits any brass threaded shell socket. Reflectors are finished aluminum bronze inside, outside as indicated in listings.



No. 577

No.	List Price	Description	Lgth. In.	Width In.	Standard Pkg. Quan.	Wt. Lbs.
577	\$0.70	Brass—Nickel Plate.....	6 $\frac{3}{4}$	2 $\frac{1}{8}$	20	6
577E	.70	Brass—Brush Brass.....	6 $\frac{3}{4}$	2 $\frac{1}{8}$	20	6
577F	.60	Steel—Green Lacquer.....	6 $\frac{3}{4}$	2 $\frac{1}{8}$	20	6
577A	.30	Adjustable Bracket—Nickel Plate.....			20	1
577B	1.00	Reflector No. 577 and Adjustable Bracket No. 577A.....		2 $\frac{1}{8}$	20	7
577C	1.55	Reflector No. 577, Adjustable Bracket No. 577A, and Nickel Plated Keyless Socket.....	10	2 $\frac{1}{8}$	10	5
577D	2.00	Reflector No. 577 and Nickel Plated Keyless Angle Socket	9	2 $\frac{1}{8}$	10	5



No. 577C

## Two Light Tubular Half Reflectors

For 25 Watt T-10 Tubular Lamps



No. 578

No.	List Price	Description	Lgth. In.	Width In.	Standard Pkg. Quan.	Wt. Lbs.
578	\$3.25	Two Reflectors No. 577, Nickel Plated Twin Socket, and Adjustable Bracket.....	17	2 $\frac{1}{8}$	10	9
578A	2.75	Two Reflectors No. 577 and Nickel Plated Twin Socket with $\frac{1}{8}$ inch Bushing.....	17	2 $\frac{1}{8}$	10	8
578B	2.75	Two Reflectors No. 577 and Nickel Plated Twin Socket with $\frac{3}{8}$ inch Bushing.....	17	2 $\frac{1}{8}$	10	8

Nickel Plated Pull Chain Socket can be furnished with above reflectors.

Single Pull Chain Sockets.....\$0.75 List

Twin Pull Chain Sockets.....2.30 List

Show case wiring fittings for use with reflectors Nos. 577D and 578A are listed on page 24.



## Two Light Tubular Half Reflectors

### For 25 Watt T-10 Tubular Lamps

For lighting of show cases and similar places. Made of brass, nickel plated outside and inside. Two clamps are furnished which attach to a brass shell twin socket. Reflector is slotted to allow adjustment half way around the lamp so the mounting may be in an upright, pendant, or bracket position.



No. 773C

No.	List Price	Description	Lgth. In.	Width In.	Standard Pkg. Quan.	Pkg. Wt. Lbs.
773	\$1.40	Reflector only.....	14	2½	10	6
773A	2.75	Reflector and Nickel Plated Twin Socket with ⅛-inch Bushing.....	14	2½	10	11
773B	2.75	Reflector and Nickel Plated Twin Socket with ⅜-inch Bushing.....	14	2½	10	11
773C	3.25	Reflector, Adjustable Bracket, and Nickel Plated Twin Socket.....	14	2½	10	11

## Two Light Half Reflectors

### For Illuminating Display Cases, Wall Displays, Shelves, Etc.

Reflectors are brass, nickel plated outside, aluminum bronzed inside. They swivel on the socket so when mounted they can be placed in any position. Twin socket is nickel plated.



No. 1136

### For 25 or 40 Watt A-19 Lamps

No.	List Price	Description	Lgth. In.	Width In.	Standard Pkg. Quan.	Pkg. Wt. Lbs.
1136	\$3.35	⅛-inch Socket Bushing.....	12	3⅛	10	8
1136A	3.35	⅜-inch Socket Bushing.....	12	3⅛	10	8

### For 50 or 60 Watt A-21 Lamps

1136B	\$3.45	⅛-inch Socket Bushing.....	13	3⅞	10	11
1136C	3.45	⅜-inch Socket Bushing.....	13	3⅞	10	11

Nickel Plated Twin Pull Chain Sockets \$2.30 List.

Show case wiring fittings for use with reflector No. 773A listed on page 24.





## Porcelain Enameled Steel Reflectors with Sockets

### DESCRIPTION

**Finish:** Outside green, reflecting side white.

**Socket:** Porcelain, National Electrical Code Standard.

**Fitting:** Flange and hexagon nut, cadmium plated, tapped for 1/2-inch conduit.

**Use:** For general illumination, indoors and outdoors.

### Standard Dome Reflectors



No. 885

No.	List Price	Dimensions in Inches		Lamp Size Watts	Standard Quantity	Package Weight Lbs.
		Diam.	Height			
885D	\$3.20	12	7 1/4	50, 60	10	25
885	3.30	12	8	75, 100	10	27
885A	3.50	14	9 1/8	150	10	37
885B	4.10	16	10 3/8	200	10	50
885C	5.30	18	12 1/8	300, 500	5	30

### Shallow Dome Reflectors



No. 841

No.	List Price	Dimensions in Inches		Lamp Size Watts	Standard Quantity	Package Weight Lbs.
		Diam.	Height			
841	\$3.20	12	6 1/4	50, 60	10	25
841A	3.30	12	7	75, 100	10	27
841B	3.50	14	8	150	10	35
841C	4.10	16	9 1/4	200	10	48

### Flat Cone Reflectors



No. 1071A

No.	List Price	Dimensions in Inches		Lamp Size Watts	Standard Quantity	Package Weight Lbs.
		Diam.	Height			
1071A	\$3.30	14	6	75, 100	10	25
1071B	3.50	16	7 1/4	150	10	35



### With Pull Chain Socket

Pull Chain Socket will be supplied with Reflectors at an advance of 80 cents list.

## Porcelain Enameled Steel Reflectors with Sockets

### DESCRIPTION

**Finish:** Outside green, reflecting side white.

**Socket:** Porcelain, National Electrical Code Standard.

**Fitting:** Flange and hexagon nut, cadmium plated, tapped for 1/2-inch conduit.

**Use:** For localized lighting, indoors and outdoors.



No. 761

### Deep Bowl Reflectors

No.	List Price	Dimensions in Inches		Lamp Size Watts	Standard Quantity	Package Weight Lbs.
		Diam.	Height			
761	\$2.90	7	7 1/2	50, 60	10	20
761A	3.10	8	8 1/2	75, 100	10	25
761C	3.50	10	10	150, 200	10	35
761D	5.20	12	11 3/4	300, 500	5	21



No. 918

### Symmetrical Angle Reflectors

No.	List Price	Dimensions in Inches		Lamp Size Watts	Standard Quantity	Package Weight Lbs.
		Diam.	Height			
918	\$2.95	8	8	75, 100	10	20
918A	3.45	10	9 3/4	150	10	30
918B	3.95	12	12	200	10	40
918C	4.95	14	15	300, 500	5	18



### With Pull Chain Socket

Pull Chain Socket will be supplied with Reflectors at an advance of 80 cents list.





## Threaded Reflectors

Porcelain enameled green outside—white inside.

With threaded copper neck to fit pendent or outlet box hoods.

Reflectors are interchangeable.

For indoor and outdoor use.

### Pendent Hood



No. 1052

**Green Enameled.**  
Tapped  $\frac{1}{2}$  inch

No.	Socket	Std. Pkg.	Each
1052	Medium	10	\$1.10
1053	Mogul	5	1.60

### Outlet Box Hood



No. 1054

**Green Enameled.**  
For 4 inch Outlet Box

No.	Socket	Std. Pkg.	Each
1054	Medium	10	\$1.10
1055	Mogul	5	1.60



No. 1048

## Standard Dome Reflectors

Reflector Description			Reflector Only		Complete Unit Pendent Hood and Reflector		Complete Unit Outlet Box Hood and Reflector	
Diam., Inches	Size of Lamp, Watts	Std. Pkg.	Cat. No.	Each	Cat. No.	Each	Cat. No.	Each
12	75, 100	10	1048	\$2.20	1056	\$3.30	1060	\$3.30
14	150	10	1049	2.40	1057	3.50	1061	3.50
16	200	10	1050	3.00	1058	4.10	1062	4.10
18	300, 500	5	1051	3.70	1059	5.30	1063	5.30



No. 1072

## Shallow Dome Reflectors

Reflector Description			Reflector Only		Complete Unit Pendent Hood and Reflector		Complete Unit Outlet Box Hood and Reflector	
Diam., Inches	Size of Lamp, Watts	Std. Pkg.	Cat. No.	Each	Cat. No.	Each	Cat. No.	Each
12	75, 100	10	1072	\$2.20	1072C	\$3.30	1072F	\$3.30
14	150	10	1072A	2.40	1072D	3.50	1072G	3.50
16	200	10	1072B	3.00	1072E	4.10	1072H	4.10



No. 1073

## Deep Bowl Reflectors

Reflector Description			Reflector Only		Complete Unit Pendent Hood and Reflector		Complete Unit Outlet Box Hood and Reflector	
Diam., Inches	Size of Lamp, Watts	Std. Pkg.	Cat. No.	Each	Cat. No.	Each	Cat. No.	Each
8	75, 100	10	1073	\$2.00	1073C	\$3.10	1073F	\$3.10
9	150	10	1073A	2.40	1073D	3.50	1073G	3.50
10	200	10	1073B	2.40	1073E	3.50	1073H	3.50

Pull Chain Sockets will be supplied with hoods at an advance of 80 cents list.

## Holder Type Standard Dome Reflectors



No. 871

### DESCRIPTION

**Reflector:** Steel, porcelain enameled.  
**Finish:** Outside green, reflecting side white.  
**Use:** For general illumination.

Type A Neck

### With Type A Neck for Standard 2¼-Inch Shade Holders

No.	List Price	Dimensions in Inches		Lamp Size Watts	Standard Package Weight	
		Diam.	Hgt.		Quantity	Lbs.
871C	\$1.80	12	4 <sup>7</sup> / <sub>8</sub>	50, 60	10	16
871	1.90	12	5 <sup>1</sup> / <sub>2</sub>	75, 100	10	17
871A	2.20	14	6 <sup>3</sup> / <sub>4</sub>	150	10	28
871B	2.60	16	7 <sup>3</sup> / <sub>4</sub>	200	10	37

Type B Holder

### With Type B Holder for Brass Shell Sockets

872C	\$1.95	12	4 <sup>7</sup> / <sub>8</sub>	50, 60	10	16
872	2.05	12	5 <sup>1</sup> / <sub>2</sub>	75, 100	10	17
872A	2.35	14	6 <sup>3</sup> / <sub>4</sub>	150	10	28
872B	2.75	16	7 <sup>3</sup> / <sub>4</sub>	200	10	37

Type C Holder

### With Type C Holder for Porcelain Sockets

873C	\$1.95	12	4 <sup>7</sup> / <sub>8</sub>	50, 60	10	16
873	2.05	12	5 <sup>1</sup> / <sub>2</sub>	75, 100	10	17
873A	2.35	14	6 <sup>3</sup> / <sub>4</sub>	150	10	28
873B	2.75	16	7 <sup>3</sup> / <sub>4</sub>	200	10	37

Type D Holder

### With Type D Holder for Aluminum Weatherproof Threaded Sockets

For use with Sockets Nos. 4200, 4201, and Outlet Box Cover Socket No. 1406 listed on page 21, Benjamin Elec. Mfg. Co's. Nos. 4200 to 4237, Pass & Seymour's No. 8000, or other sockets with same thread.

939C	\$1.95	12	4 <sup>7</sup> / <sub>8</sub>	50, 60	10	16
939	2.05	12	5 <sup>1</sup> / <sub>2</sub>	75, 100	10	17
939A	2.35	14	6 <sup>3</sup> / <sub>4</sub>	150	10	28
939B	2.75	16	7 <sup>3</sup> / <sub>4</sub>	200	10	37





## Holder Type Shallow Dome Reflectors



No. 766

### DESCRIPTION

**Reflector:** Steel, porcelain enameled.  
**Finish:** Outside green, reflecting side white.  
**Use:** For general illumination.

Type A Neck

With Type A Neck for Standard 2¼-Inch Shade Holders

No.	List Price	Dimensions in Inches		Lamp Size Watts	Standard Package Weight	
		Diam.	Hgt.		Quantity	Lbs.
766	\$0.95	10	3	25, 40	10	11
766A	1.15	12	3½	50	10	15
766B	1.50	14	4	60	10	18
766C	1.90	16	4½	75, 100	10	30

Type B Holder

With Type B Holder for Brass Shell Sockets

895	\$1.10	10	3	25, 40	10	11
895A	1.30	12	3½	50	10	15
895B	1.65	14	4	60	10	18
895C	2.05	16	4½	75, 100	10	30

Type C Holder

With Type C Holder for Porcelain Sockets

896	\$1.10	10	3	25, 40	10	11
896A	1.30	12	3½	50	10	15
896B	1.65	14	4	60	10	18
896C	2.05	16	4½	75, 100	10	30

Type D Holder

With Type D Holder for Aluminum Weatherproof Threaded Sockets

For use with Sockets Nos. 4200, 4201, and Outlet Box Cover Socket No. 1406 listed on page 21, Benjamin Elec. Mfg. Co's. Nos. 4200 to 4237, Pass & Seymour's No. 8000, or other sockets with same thread.

940	\$1.10	10	3	25, 40	10	11
940A	1.30	12	3½	50	10	15
940B	1.65	14	4	60	10	18
940C	2.05	16	4½	75, 100	10	30




No. 909

## Holder Type Deep Bowl Reflectors


### DESCRIPTION

**Reflector:** Steel, porcelain enameled.  
**Finish:** Outside green, reflecting side white.  
**Use:** For localized lighting.




Type A Neck

With Type A Neck for Standard 2¼-Inch Shade Holders						
No.	List Price	Dimensions in Inches		Lamp Size Watts	Standard Package	
		Diam.	Hgt.		Quantity	Weight Lbs.
909E	\$0.95	5	3¾	25, 40	10	9
909A	1.50	7	4¾	50, 60	10	11
909B	1.60	8	6⅜	75, 100	10	13
909C	1.80	9	7	150	10	16
909D	2.20	10	7⅛	200	10	20




Type B Holder

With Type B Holder for Brass Shell Sockets						
910E	\$1.10	5	3¾	25, 40	10	9
910A	1.65	7	4¾	50, 60	10	11
910B	1.75	8	6⅜	75, 100	10	13
910C	1.95	9	7	150	10	16
910D	2.35	10	7⅛	200	10	20



Type C Holder

With Type C Holder for Porcelain Sockets						
911E	\$1.10	5	3¾	25, 40	10	9
911A	1.65	7	4¾	50, 60	10	11
911B	1.75	8	6⅜	75, 100	10	13
911C	1.95	9	7	150	10	16
911D	2.35	10	7⅛	200	10	20



Type D Holder

With Type D Holder for Aluminum Weatherproof Threaded Sockets						
For use with Sockets Nos. 4200, 4201, and Outlet Box Cover Socket No. 1406 listed on page 21, Benjamin Elec. Mfg. Co's. Nos. 4200 to 4237, Pass & Seymour's No. 8000, or other sockets with same thread.						
941E	\$1.10	5	3¾	25, 40	10	9
941A	1.65	7	4¾	50, 60	10	11
941B	1.75	8	6⅜	75, 100	10	13
941C	1.95	9	7	150	10	16
941D	2.35	10	7⅛	200	10	20









No. 892

## Holder Type Angle Reflectors

### DESCRIPTION

**Reflector:** Steel, porcelain enameled.  
**Finish:** Green outside, reflecting side white.  
**Use:** For localized side illumination.

 Type A Neck	With Type A Neck for Standard 2¼-Inch Shade Holders						
	No.	List Price	Dimensions in Inches		Lamp Size Watts	Standard Package	
			Diam.	Hgt.		Quantity	Weight Lbs.
	892	\$1.15	7	5½	25-60	10	8
 Type B Holder	892A	1.45	8	7	75-100	10	12
	892C	1.95	10	9	150-200	10	18
	With Type B Holder for Brass Shell Sockets						
	893	\$1.30	7	5½	25-60	10	8
 Type C Holder	893A	1.60	8	7	75-100	10	12
	893C	2.10	10	9	150-200	10	18
	With Type C Holder for Porcelain Sockets						
	894	\$1.30	7	5½	25-60	10	8
 Type D Holder	894A	1.60	8	7	75-100	10	12
	894C	2.10	10	9	150-200	10	18
	With Type D Holder for Aluminum Weatherproof Threaded Sockets						
	For use with Sockets Nos. 4200, 4201, and Outlet Box Cover Socket No. 1406 listed on page 21, Benjamin Elec. Mfg. Co's. Nos. 4200 to 4237, Pass & Seymour's No. 8000, or other sockets with same thread.						
	942	\$1.30	7	5½	25-60	10	8
	942A	1.60	8	7	75-100	10	12
	942C	2.10	10	9	150-200	10	18



## Miscellaneous Reflectors

### Sewing Machine Reflectors

With Type B Holder for Brass Shell Sockets  
For 25 or 40 Watt A-19 Lamps



No. 923

No. 923 is paint enameled green outside, aluminum inside.  
No. 923A is porcelain enameled green outside, white inside.

No.	List Price	Diam. Inches	Finish	Standard Package Quantity	Package Weight Lbs.
923	\$0.60	3 $\frac{3}{4}$	Paint Enameled	10	3
923A	.90	3 $\frac{3}{4}$	Porcelain Enameled	10	4

### Flat Cone Reflectors

Porcelain Enameled Green Outside—Reflecting Side White, with  
Type A Neck for Standard 2 $\frac{1}{4}$ -Inch Shade Holders



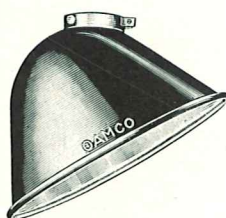
No. 764

No.	List Price	Diam. Inches	Quantity	Standard Package Weight Lbs.
764	\$0.90	10	10	11
764A	1.15	12	10	15
764B	1.50	14	10	18
764C	1.90	16	10	30

### Post Office Reflectors

Porcelain Enameled Green Outside—Reflecting Side White

Complies with the specifications of the United States Post Office Department. The holder permits the reflector to swivel. Equipped with Type B holder for brass shell sockets.



No. 1125

#### Angle Type

No.	List Price	Diam. Inches	Lamp Size Watts	Standard Package Quantity	Package Weight Lbs.
1125	\$1.40	8	60-100	10	12

#### Deep Bowl Type



No. 1126

No.	List Price	Diam. Inches	Lamp Size Watts	Standard Package Quantity	Package Weight Lbs.
1126	\$1.10	5	25-40	10	9
1126A	1.35	7	50-60	10	11
1126B	1.45	8	75-100	10	13





## Porcelain Enameled Sign Reflectors with Sockets

Green Outside, Reflecting Side White, Fitting Tapped  $\frac{1}{2}$  Inch

For Emblem, Circular, and Target Signs, Also Bill Board Lighting



No. 1104

### With Horizontal Fitting

No.	List Price	Dimensions in Inches		Lamp Size Watts	Standard Package Quantity	Package Weight Lbs.
		Diam.	Hgt.			
1104	\$2.20	7	7 $\frac{3}{4}$	50, 60	10	18
1104A	2.20	8	9 $\frac{1}{4}$	75, 100	10	22

### With Vertical Fitting

1104B	\$2.20	7	7 $\frac{3}{4}$	50, 60	10	18
1104C	2.20	8	9 $\frac{1}{4}$	75, 100	10	22



No. 1138

### With Horizontal Fitting

No.	List Price	Dimensions in Inches		Lamp Size Watts	Standard Package Quantity	Package Weight Lbs.
		Diam.	Hgt.			
1138	\$2.20	8	10	75, 100	10	20
1138A	2.50	10	11 $\frac{1}{2}$	150	10	25
1138B	3.95	12	13	200	10	30

### With Vertical Fitting

1138C	\$2.20	8	10	75, 100	10	20
1138D	2.50	10	11 $\frac{1}{2}$	150	10	25
1138E	3.95	12	13	200	10	30

## Mounting and Spacing Guide

Approximate Height of Sign	Distance Out From Sign	Distance Apart	Reflector Number	Lamp Size Watts
3 ft.	1 ft. 6 in.	4 ft. 6 in.	1104	50, 60
5 ft.	2 ft. 6 in.	5 ft. 0 in.	1104A or 1138	75, 100
7 ft.	3 ft. 6 in.	6 ft. 0 in.	1138A	150
9 ft.	4 ft. 6 in.	7 ft. 0 in.	1138B	200
11 ft.	5 ft. 6 in.	8 ft. 0 in.	1138B	200

## Porcelain Enameled Dome Reflectors

Finished Green Outside, Reflecting Side White



No. 1092

### Socket Type with Vertical Fitting, Tapped 1/2 Inch

No.	List Price	Diam. Inches	Lamp Size Watts	Standard Package Quantity	Weight Lbs.
1092	\$3.00	12	75, 100	10	25
1092A	3.20	14	150	10	37
1092B	3.75	16	200	10	50
1092C	4.85	18	300, 500	5	30



No. 1106

### Socket Type with Horizontal Fitting, Tapped 1/2 Inch

No.	List Price	Diam. Inches	Lamp Size Watts	Standard Package Quantity	Weight Lbs.
1106	\$3.00	12	75, 100	10	25
1106A	3.20	14	150	10	37
1106B	3.75	16	200	10	50

### Holder Type for Standard 2 1/4-Inch Shade Holders



No. 1093

No.	List Price	Diam. Inches	Lamp Size Watts	Standard Package Quantity	Weight Lbs.
1093	\$1.75	12	75, 100	10	17
1093A	2.00	14	150	10	28
1093B	2.35	16	200	10	37

**Note:**—Attachable holders listed on page 21 can be attached to reflectors Nos. 1093, 1093A, 1093B.



## Vapor and Dust Proof Fixtures

These units are made for use in oil fields, refineries, flour mills, grain elevators, engine rooms, and damp places where electrical connections and lamps must be protected from acid fumes, dust, and vapors.

Fixtures consist of hood made of copper and tapped for 1/2-inch pipe, porcelain socket, and heavy, clear, steam-tight globe with or without wire guard. A gasket between the hood and globe makes it tight. The hood is finished aluminum bronze.

Reflectors shown on fixtures are porcelain enameled green outside, reflecting side white.

### Without Wire Guards



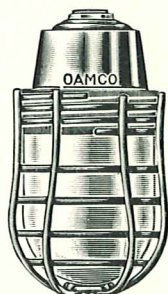
No. 1134

No.	List Price	Lamp Size Watts	Std. Pkg. Quan.	Pkg. Wgt. Lbs.
1134	\$2.10	25-60	10	25
1134A	2.65	75, 100, 150	10	35

### With Ruby Globe

1134C	4.00	25-60	10	25
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### With Wire Guards



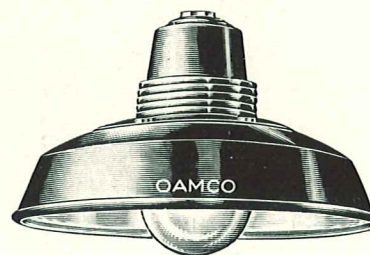
No. 1134D

No.	List Price	Lamp Size Watts	Std. Pkg. Quan.	Pkg. Wgt. Lbs.
1134D	\$2.75	25-60	10	30
1134E	3.65	75, 100, 150	10	40

### With Ruby Globe

1134F	4.65	25-60	10	30
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### Vapor Proof and Dust Tight Fixtures with Standard Dome Reflectors



No. 1134J

No.	List Price	Diam. of Reflector	Lamp Size Watts	Standard Quantity	Package Weight Lbs.
1134J	\$6.00	12 in.	75-100	10	45
1134K	6.75	14 in.	150	10	55
1134L	8.25	16 in.	200	10	75

### Globes for Replacement

No.	List Price	Dimensions in Inches		Lamp Size Watts	Std. Pkg.
		Diam.	Hgt.		
1012	\$0.45	4	5 1/4	25-60	10
1012A	.75	4 1/4	8 1/4	75, 100, 150	10

### Ruby Globes

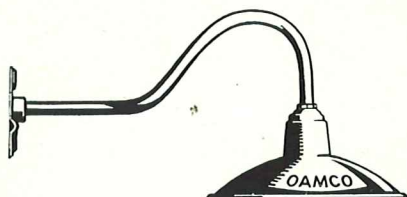
1012C	2.35	4	5 1/4	25-60	10
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## Weatherproof Bracket Fixtures

For Farm Yards, Backyards, Areaways, Entrances, Etc.

Fixtures are complete as shown. Includes cast flange and 1/2-inch bracket electro galvanized, porcelain enameled steel reflector with porcelain socket.

### Gooseneck Bracket with Flat Cone Reflector



No. 877G

No.	List Price	Diam. of Reflector	Length Overall	Lamp Size Watts	Standard Quantity	Package Weight Lbs.
877G	\$3.00	10 in.	26 in.	25, 40	10	44
877E	3.40	12 in.	27 in.	50, 60	10	47
877A	3.60	14 in.	28 in.	75, 100	10	52
877C	4.45	16 in.	38 in.	150	10	70

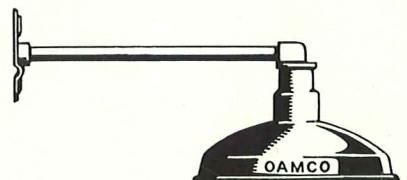
### Bracket with Flat Cone Reflector



No. 1117

No.	List Price	Diam. of Reflector	Length Overall	Lamp Size Watts	Standard Quantity	Package Weight Lbs.
1117	\$2.75	10 in.	22 in.	25, 40	10	38
1117A	3.15	12 in.	23 in.	50, 60	10	40
1117B	3.35	14 in.	24 in.	75, 100	10	45

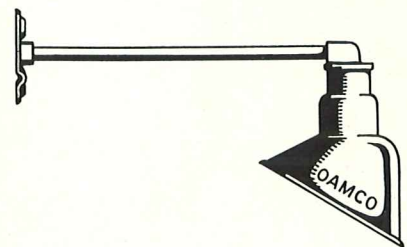
### Bracket with Dome Reflector



No. 1116

No.	List Price	Diam. of Reflector	Length Overall	Lamp Size Watts	Standard Quantity	Package Weight Lbs.
1116	\$3.65	12 in.	22 in.	75, 100	10	45
1116A	3.85	14 in.	24 in.	150	10	57
1116B	4.40	16 in.	26 in.	200	10	70

### Bracket with Sign Reflector



No. 1118

No.	List Price	Diam. of Reflector	Length Overall	Lamp Size Watts	Standard Quantity	Package Weight Lbs.
1118	\$2.85	7 in.	20 in.	50, 60	10	38
1118A	2.85	8 in.	21 in.	75, 100	10	42
1118B	3.15	10 in.	22 in.	150	10	45
1118C	4.60	12 in.	23 in.	200	10	50

**Note:**—Weatherproof bracket fixtures are equipped with wall flanges; if pole flanges are wanted, state regular number with "Pole."

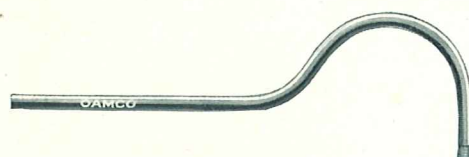




## Weatherproof Fittings

### Gooseneck Brackets—Electro Galvanized

#### Ends Threaded

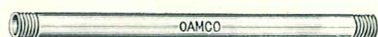


No. 1075

No.	List Price	Size in Inches		Quantity	Standard Package Weight Lbs.
		Pipe	Length		
1075	\$0.55	1/2	21	10	18
1075A	.60	1/2	30	10	27
1075B	.45	3/8	18	10	11

### Straight Stem—Electro Galvanized

#### Ends Threaded



No. 1137

No.	List Price	Size in Inches		Quantity	Standard Package Weight Lbs.
		Pipe	Length		
1137	\$0.30	1/2	16	10	12

### Pole and Wall Flanges—Electro Galvanized

Length 4 3/4 Inches, Width 3 Inches, 3/8-Inch Screw Holes



No. 164

No.	List Price	Kind of Flange	Size Tapped	Quantity	Standard Package Weight Lbs.
163	\$0.35	Pole	1/2 in.	10	8
164	.35	Wall	1/2 in.	10	8
164A	.35	Wall	3/8 in.	10	8

### Suspension Fittings—Electro Galvanized

#### With Porcelain Wire Openings

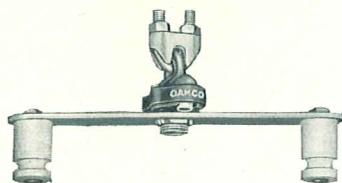


No. 1091

No.	List Price	Kind of Fitting	Quantity	Standard Package Weight Lbs.
1091	\$0.55	1/2-in. Male	10	9
1091A	.45	1/2 in. Female	10	8

### Cross Arm Suspension Hanger—Electro Galvanized

Consists of Wire Rope Clamp, Hanger No. 1091, and Cross Arm with Porcelain Knobs



No. 1095

No.	List Price	Kind of Fitting	Quantity	Standard Package Weight Lbs.
1095	\$1.00	1/2 in. Male	10	20



## Reflector Fittings



No. 1127



No. 1128



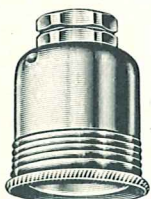
No. 1130



No. 1131

### Porcelain Sockets with Fittings Used with Socket Reflectors

No.	List Price	Kind	Fitting Tapped	Standard Package Quantity	Package Weight Lbs.
1127	\$1.05	Medium Base—One Piece.....	1/2"	10	8
1128	1.05	Medium Base—Two Piece.....	1/2"	10	8
1129	1.50	Mogul Base—Two Piece.....	1/2"	10	12
1130	1.05	Medium Base—One Piece.....	1/2"	10	8
1131	1.85	Medium Base—Pull Chain.....	1/2"	10	8



No. 4200

### Aluminum Weatherproof Threaded Sockets

For Use with Reflectors Nos. 939-939C, Page 11; 940-940C, Page 12; 941-941D, Page 13; 942-942C, Page 14

No.	List Price Per 100	Bushing Tapped	Standard Package Quantity	Package Weight Lbs.
*4200	\$70.70	1/2"	50	17
*4201	70.70	3/8"	50	17

### Outlet Box Cover with Socket

Fits Outlet Boxes at Least 1 1/2 Inches Deep

For Use with Any Reflector Equipped with Type D Holder



No. 1406

No.	List Price Per 100	For Box Size	Finish	Standard Package Quantity	Package Weight Lbs.
*1406	\$71.00	3 1/4", 4"	Green Enameled	50	50

### Attachable Holders

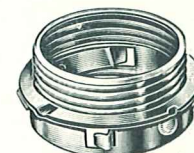
Attach to Reflectors with Type A Neck



No. 1132—Type B



No. 1132A—Type C



No. 1132B—Type D

No.	List Price	Description	Standard Package Quantity	Package Weight Lbs.
1132	\$0.15	Type B—For Brass Threaded Shell Sockets.....	10	1
1132A	.15	Type C—For Porcelain Sockets.....	10	1
1132B	.15	Type D—For Aluminum Sockets Nos. 4200, 4201, 1406..	10	1

\*Note:—Aluminum Weatherproof Threaded Sockets Nos. 4200, 4201, and Outlet Box Cover with Socket No. 1406—Schedule B-2 discounts apply. All other items under Schedule B-1.





## Outdoor Floodlights

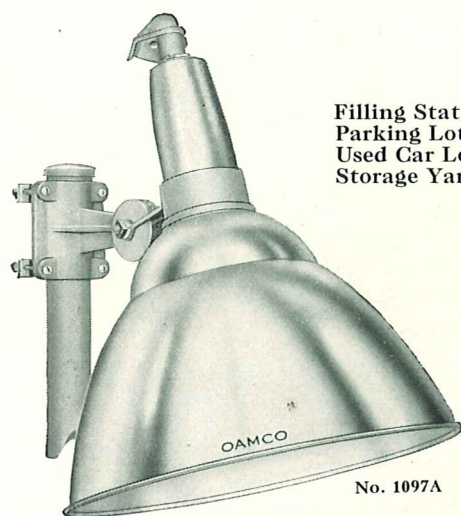
FOR

Filling Stations  
Parking Lots  
Used Car Lots  
Storage Yards

Construction Work  
Playgrounds  
Athletic Fields  
Fair Grounds

Bathing Beaches  
Skating Rinks  
Football Fields  
Golf Courses

Municipal Parks  
Tennis Courts  
Race Tracks



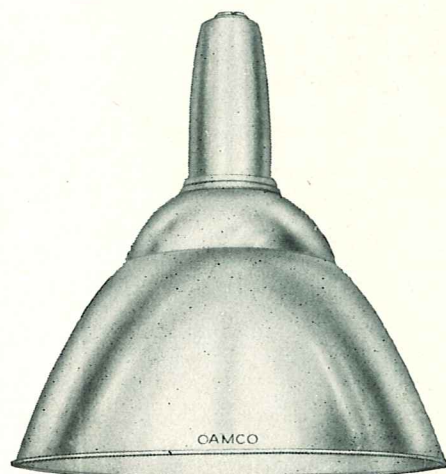
No. 1097A

### Open Type

Aluminum reflector finished oxidized aluminum inside and outside. The finish is not affected by atmospheric conditions and can be easily cleaned.

Bracket is cast iron and adjustable. Can be attached to poles up to 2½ inches outside diameter or flat surface.

No.	List Price	Dimensions in inches		Lamp Size Watts	Standard Package Quantity	Weight Lbs.
		Diam.	Height			
1097B	\$12.00	14	16	300, 500	1	11
1097A	15.00	18	20	750, 1500	1	13



No. 1097

### Pendant Type—For Outdoor and Indoor Use

For Lighting of High Bays, Aircraft Hangars, Gymnasiums, Boxing Rings, Tennis Courts, Etc.

Aluminum reflector finished oxidized aluminum inside and outside. Mogul socket with fitting tapped for ½-inch conduit.

No.	List Price	Dimensions in inches		Lamp Size Watts	Standard Package Quantity	Weight Lbs.
		Diam.	Height			
1097C	\$ 9.00	14	16	300, 500	1	5
1097	12.00	18	20	750, 1500	1	7

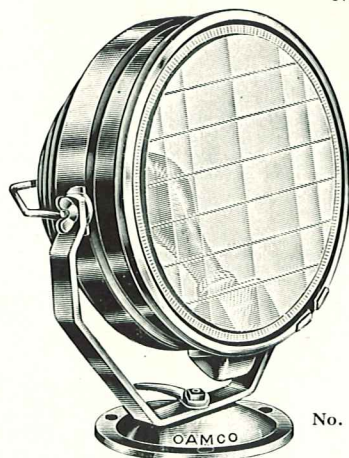
### Enclosed Floodlight

For (150 Watt PS-25 Standard Lamp  
250 Watt G-30 Floodlight Service Lamp)

Reflector is aluminum, oxidized inside and sealed against weather and dust by a lens and rubber gasket; finished outside with weatherproof aluminum paint.

Bracket is adjustable so the reflector can be tilted at any angle or turned in a circle. Bracket is cadmium plated.

Equipped with 5 feet rubber cord and plug. Lens is not removed when relamped.



No. 1135

### Base Mounting

No.	List Price	Dimensions in inches		Standard Package Quantity	Weight Lbs.
		Diam.	Height		
1135	\$9.75 9.50	10½	14	1	8½

### Pipe Clamp Mounting

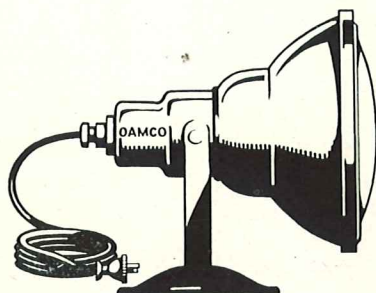
1135A	\$9.75 9.50	10½	14	1	8½
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## Outdoor Floodlight

For 75 or 100 Watt Standard Lamps

### TO ILLUMINATE

Driveways, Entrances, Roadside Stands, Filling Stations, Parking Areas, Areaways, Gardens,  
Model Homes, Signs, Merchandise Exhibits.

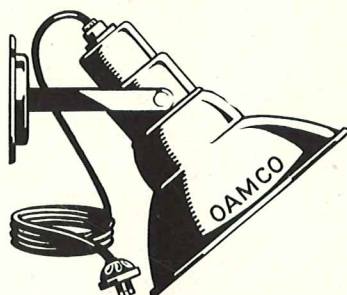


No. 1121

Reflector is aluminum, polished inside and sealed against weather and dust by a heat resisting lens and rubber gasket which is held in position by a metal band; aluminum bronze finish outside.

Bracket is adjustable so reflector can be tilted up or down or turned in a circle. Base and bracket are electro galvanized.

Equipped with 5 feet rubber cord and plug cap.



No. 1122

No.	List Price	Diam. of Reflector, inches	Color of Lens	Standard Package Quantity	Weight Lbs.
1121	<del>\$6.80</del> 5.85	8 1/4	Clear	1	5
1121A	<del>7.80</del> 6.85	8 1/4	Amber	1	5
1121B	<del>7.80</del> 6.85	8 1/4	Green	1	5

## Indoor Floodlights

Reflectors are aluminum, polished inside, finished green lacquer outside. Equipped with adjustable bracket, base, porcelain socket, 5 feet cord, and plug cap.

Color equipment consists of frame and one sheet of red, blue, green, and amber gelatins.



No. 983

No.	List Price	Description	Diam. of Reflector, in.	Lamp Size Watts	Standard Package Quantity	Wt. Lbs.
1122	\$5.50	With color equipment	8 1/4	75, 100	1	3
1122A	5.00	Without color equipment	8 1/4	75, 100	1	3
983	7.00	With color equipment	11 1/2	150, 200	1	4
983A	6.50	Without color equipment	11 1/2	150, 200	1	4



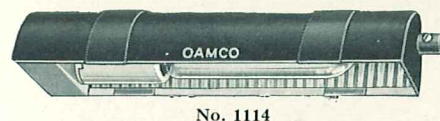


## Show Case Reflectors

For 25 Watt T-10 Tubular Lamps

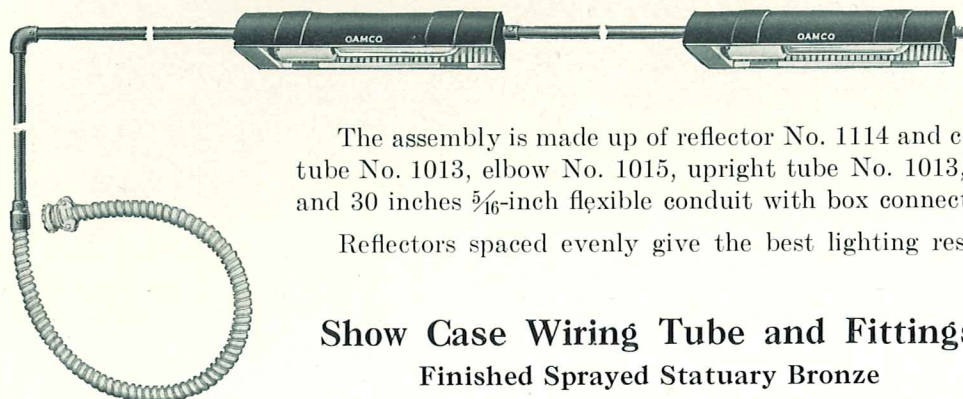
Reflectors are made of steel with polished chromium plate reflector liner and porcelain socket. Wiring outlet each end for  $\frac{1}{2}$ -inch brass tube or  $\frac{5}{16}$ -inch flexible conduit. Hangers are furnished for wood moulding or all glass show case. Depth is  $1\frac{3}{4}$  inches, width  $2\frac{3}{8}$  inches. Standard finish is sprayed statuary bronze.

### Unwired Reflectors with Hangers



No. 1114

No.	List Price	Length Inches	Lights	Standard Quantity	Package Weight Lbs.
1114	\$2.00	9	1	5	7
1114A	4.20	18	2	5	12



### Reflector Assembly

The assembly is made up of reflector No. 1114 and connected with  $\frac{3}{8}$  inch brass tube No. 1013, elbow No. 1015, upright tube No. 1013, tube connector No. 1016, and 30 inches  $\frac{5}{16}$ -inch flexible conduit with box connector No. 1030.

Reflectors spaced evenly give the best lighting results.

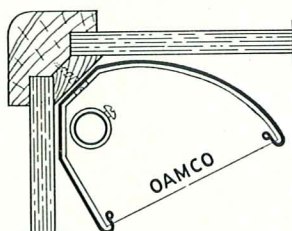
### Show Case Wiring Tube and Fittings

Finished Sprayed Statuary Bronze

For use with Show Case Reflectors Nos. 1114, 1114A and Tubular Half Reflectors Nos. 577D, 578A, Page 6 and 773A Page 7

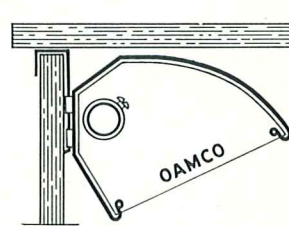
No.	List Price	Description	Standard Package
1013	\$0.30 Ft.	$\frac{3}{8}$ -inch brass tube—cut to length.....	10 Feet
1014	1.75	Junction box with cover for use with tubular half reflector Nos. 577D, 578A page 5 and 773A page 6.....	5
1015	.25	Elbow with set screws.....	5
1016	.30	Tube connector— $\frac{3}{8}$ -inch brass tube to $\frac{5}{16}$ -inch flexible conduit.....	5
1030	.60	$\frac{5}{16}$ -inch flexible conduit with box connector, 30 inches long.....	5

### Cross Section of No. 1114 Show Case Reflector Showing Hangers



Hanger for Wood Frame Case

Scale  
One-half Full Size




Hanger for All Glass Case

## Show Case Reflectors

### For 25 Watt T-10 Tubular Lamps

Reflectors are made of steel with polished chromium plate reflecting lining. Wired with porcelain sockets with outlet for  $\frac{5}{16}$ -inch flexible conduit. Depth is  $1\frac{3}{4}$ -inches, width  $2\frac{1}{8}$ -inches. Hangers are for wood or all glass show cases. Standard finish sprayed statuary bronze.

No.	List Price	Length Inches	Lights	Standard Package	
				Quantity	Weight Lbs.
 No. 1078B	1078B	\$ 7.50	30	4	15
	1078C	9.50	45	4	20
	1078D	13.00	60	4	25

### Continuous Lengths


Made in any length up to 10 feet. Wired with keyless sockets spaced 18 inches on centers.

No.	List Price Per Foot	Lamp Size Watts	Standard Package
1080	\$3.15	25 Watt T-10	15 Feet

## Show Case Reflectors

### For 25 Watt T-6 $\frac{1}{2}$ Intermediate Base Tubular Lamps

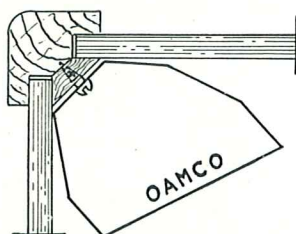
Construction is the same as above reflectors, except depth is  $1\frac{5}{8}$  inches, width  $1\frac{3}{4}$  inches.

No.	List Price	Length Inches	Lights	Standard Package	
				Quantity	Weight Lbs.
 No. 1079A	1079	\$2.00	8 $\frac{1}{2}$	5	5
	1079A	4.20	18	5	10

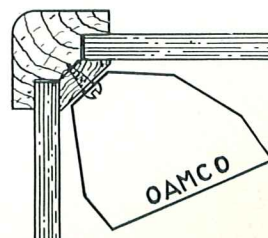
### Continuous Lengths

Made in any length up to 10 feet. Wired with keyless sockets spaced 12 inches on centers.

No.	List Price Per Foot	Lamp Size Watts	Standard Package
1080A	\$3.15	25 Watt T-6 $\frac{1}{2}$	15 Feet



No. 1078B—Cross Section  
 $\frac{1}{2}$  Full Size for T-10 Lamp



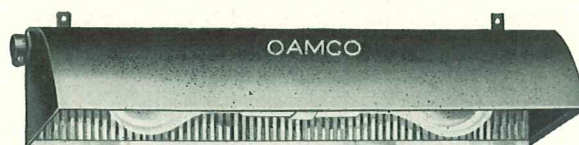
No. 1079—Cross Section  
 $\frac{1}{2}$  Full Size for T-6 $\frac{1}{2}$  Lamp





## One and Two Light Reflectors

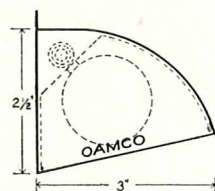
For Illuminating Wall Cases, Wall Displays, Shelves, Etc.



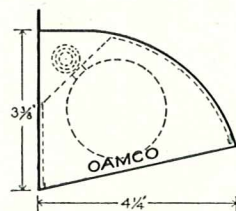
No. 1109C

Unwired units made of steel with polished chromium plate reflector lining, porcelain socket, and wiring outlet each end for  $\frac{5}{16}$ -inch flexible conduit,  $\frac{1}{4}$ -inch iron pipe or  $\frac{1}{2}$ -inch brass tube. Finished sprayed aluminum bronze. Finishes other than standard may be obtained.

### For 25 Watt T-10 Tubular Lamps

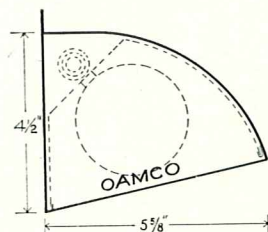


No.	List Price	Length Inches	Lights	Standard Package Quantity	Standard Package Weight Lbs.
1109	\$2.90	9	1	5	6
1109A	4.00	15	2	5	10



### For 25, 40, and 60 Watt Lamps

No.	List Price	Length Inches	Lights	Standard Package Quantity	Standard Package Weight Lbs.
1109B	\$3.00	9	1	5	7
1109C	4.00	15	2	5	12



### For 75 or 100 Watt Lamps

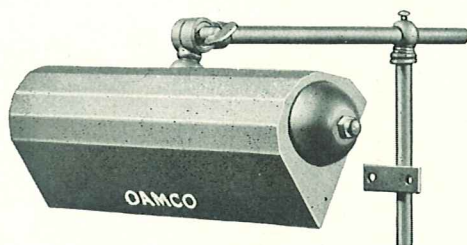
No.	List Price	Length Inches	Lights	Standard Package Quantity	Standard Package Weight Lbs.
1109D	\$4.50	12	1	5	10
1109E	6.25	16	2	5	16

Brass pull chain sockets can be furnished in any of the above reflectors.

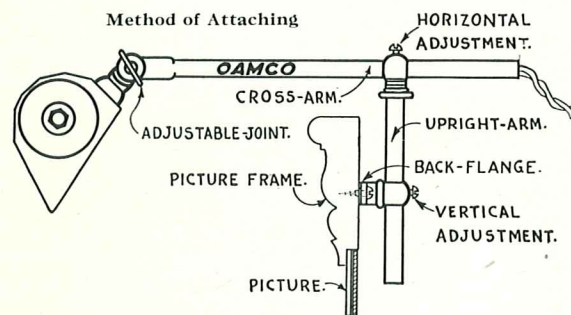
Single pull chain sockets at an advance of.....\$0.50 List

Twin pull chain sockets at an advance of..... 1.20 List

## Picture Reflectors



Nos. 933 and 934



1/4 Full Size Cross Section Nos. 933 and 934

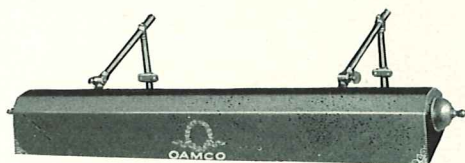
They are equipped with an adjustable bracket to fasten to the back of the picture frame, and may be adjusted to reflect the light at any desired angle. Reflecting surface polished chromium plate. Prices include wiring with keyless sockets, 10 feet silk lamp cord, and attachment plug cap.

No. 933—1 Light, will distribute light evenly over a picture 30 by 30 inches.

No. 934—2 light, will distribute light evenly over a picture 45 by 45 inches to one light size.

### For 25 Watt T-10 Tubular Lamps

No.	List Price	Material	Description Finish	Lights	Length of Reflector	Width of Reflector	Standard Quantity	Package Weight Lbs.
933	\$ 5.00	Steel	Sprayed Old Gold.....	1	10 in.	2 1/2 in.	5	9
933A	8.00	Brass	Brush Brass.....	1	10 in.	2 1/2 in.	5	9
933B	8.00	Brass	Statuary Bronze.....	1	10 in.	2 1/2 in.	5	9
933C	9.00	Brass	Polished Chromium....	1	10 in.	2 1/2 in.	5	9
934	7.50	Steel	Sprayed Old Gold.....	2	17 in.	2 1/2 in.	5	12
934A	10.00	Brass	Brush Brass.....	2	17 in.	2 1/2 in.	5	12
934B	10.00	Brass	Statuary Bronze.....	2	17 in.	2 1/2 in.	5	12
934C	12.00	Brass	Polished Chromium....	2	17 in.	2 1/2 in.	5	12
934D	13.00	Steel	Sprayed Old Gold.....	3	24 in.	2 1/2 in.	3	9



No. 543D

Nos. 543D to 543F are for large pictures. They are equipped with adjustable brackets to fasten to the back of the picture frame, and may be adjusted to reflect the light at any desired angle. Reflecting surface is aluminum bronze. Prices include wiring with keyless sockets, 10 feet silk lamp cord and attachment plug cap.

### For 25, 40, or 60 Watt Lamps

No.	List Price	Material	Description Finish	Lights	Length of Reflector	Width of Reflector	Standard Quantity	Package Weight Lbs.
543D	\$19.00	Steel	Sprayed Old Gold.....	3	30 in.	3 1/2 in.	3	15
543E	23.00	Steel	Sprayed Old Gold.....	4	36 in.	3 1/2 in.	3	20
543F	28.00	Steel	Sprayed Old Gold.....	5	45 in.	3 1/2 in.	3	25

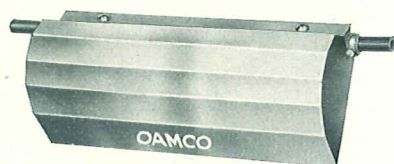
Reflectors may be obtained in finishes other than ones mentioned above.

Reflectors wired with canopy switch at advance of \$1.15 list.



## Refrigerator Case Reflector and Fittings

For 25 Watt T-10 Tubular Lamps

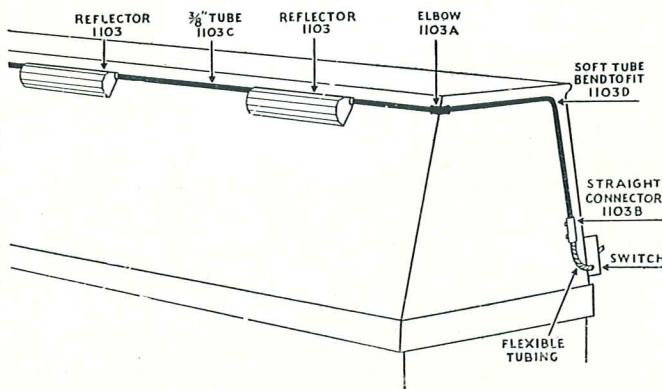


No. 1103

made of brass, chromium plated outside, with chromium plate reflecting lining and porcelain socket. Length 8 inches.

The reflector is attached to the outside of the case, having an outlet at each end for  $\frac{3}{8}$ -inch brass tube.

Reflector is



No.	List Price	Description	Standard Package
1103	\$4.00	Reflector and socket.....	5
1103A	.30	Elbow—polished chromium.....	5
1103B	.90	Straight connector—polished chromium, $\frac{3}{8}$ -inch tube x $\frac{5}{16}$ -inch flexible conduit.....	5
1103C	.30 ft.	$\frac{3}{8}$ -inch brass tube—polished chromium.....	10 ft.
1103D	.30 ft.	$\frac{3}{8}$ -inch soft brass tube—polished chromium.....	10 ft.

## Music Stand Reflector



No. 779

Made of steel, finished old gold outside, aluminum bronze inside. Equipped with adjustable bracket to attach to the music stand frame or pulpit. The reflector may be adjusted to reflect the light at any desired angle. Designed for use with  $\frac{3}{8}$ -inch pull socket and 25 to 60 watt lamps. Length, 10 inches; diameter, 3 inches.

### Music Stand Reflector

No.	List Price	Description
779	\$3.80	Reflector and bracket.....
779A	4.50	Reflector, bracket and pull socket.....
779C	6.00	Reflector and bracket wired with pull socket, 8 feet cord and plug cap.....

### Pulpit Reflector

No.	List Price	Description
778	\$3.80	Reflector and bracket.....
778A	4.50	Reflector, bracket and pull socket.....
778C	6.00	Reflector and bracket wired with pull socket, 8 feet cord and plug cap.....

## Pulpit Reflector



No. 778

Quantity	Standard Package Weight Lbs.
5	7
5	9
5	11

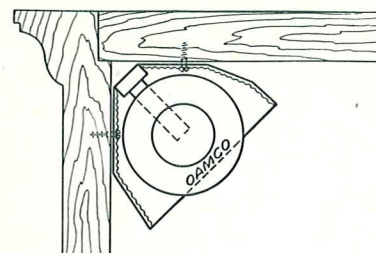
## Wall Case, Show Window, Art Gallery, Rug Rack Reflectors

Made of steel, with polished chromium plate reflecting lining. Wired with porcelain keyless sockets spaced 15 inches apart. Standard finish is green lacquer outside but they may be obtained in other finishes if specified.



No. 521E

### Continuous Wall Case Reflectors



No.	List Price Per Foot	Lamp Size Watts	Depth Inches	Width Inches	Standard Package Feet
521E	\$3.25	25, 40	3 $\frac{1}{4}$	3 $\frac{1}{2}$	10
521F	3.55	50, 60	4 $\frac{1}{4}$	4 $\frac{1}{2}$	10



No. 1111

### Continuous Show Window Reflectors

No.	List Price Per Foot	Lamp Size Watts	Depth Inches	Width Inches	Standard Package Feet
1111	\$4.25	50, 60	3 $\frac{1}{4}$	4 $\frac{1}{2}$	10
1111A	4.50	75, 100, 150	4 $\frac{3}{8}$	5 $\frac{1}{2}$	10



No. 976

### Continuous Art Gallery and Rug Rack Reflectors

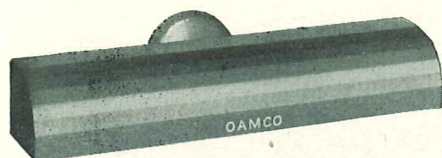
No.	List Price Per Foot	Lamp Size Watts	Depth Inches	Width Inches	Standard Package Feet
976	\$6.75	50, 60	3 $\frac{3}{4}$	5 $\frac{1}{2}$	10
976A	7.00	75, 100, 150	4 $\frac{3}{4}$	6 $\frac{1}{2}$	10





## Bracket Reflectors

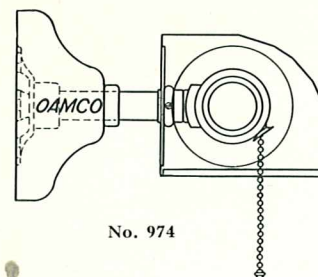
Reflectors are made of steel or brass as specified, and wired with sockets. Reflecting lining is polished chromium plate. Reflectors may be obtained in finishes other than ones mentioned.



No. 974

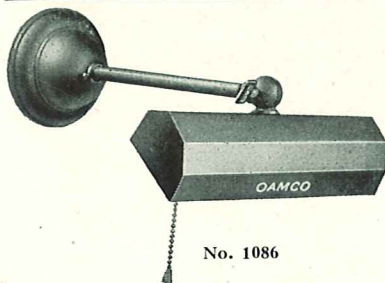
### Coupon Booth and Wall Desk Reflectors

For 25, 40, or 60 Watt Lamps



No. 974

Steel Statuary Bronze		Brass Brush Brass		DESCRIPTION					
No.	List Price	No.	List Price	Lights	Socket	Length of Reflector	Width of Reflector	Length of Arm	Standard Package
974	\$ 9.50	974B	\$12.50	1	Single Pull	9 in.	4 1/4 in.	3 1/2 in.	3
974A	11.50	974C	14.50	2	Twin Pull	15 in.	4 1/4 in.	3 1/2 in.	3



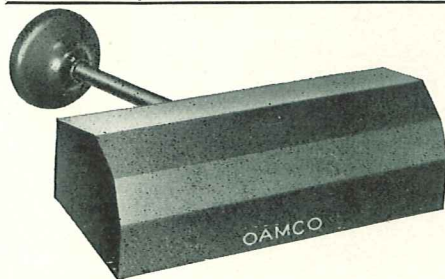
No. 1086

### Bracket Reflectors with Adjustable Joint

For Fitting Rooms—Assorting Racks

Nos. 1086, 1086A } For 25 Watt T-10 Tubular Lamps  
 Nos. 1086D, 1086E }  
 Nos. 1086B, 1086C } For 25, 40, or 60 Watt Standard Lamps  
 Nos. 1086F, 1086G }

Steel Statuary Bronze		Brass Brush Brass		DESCRIPTION					
No.	List Price	No.	List Price	Lights	Socket	Length of Reflector	Width of Reflector	Length of Arm	Standard Package
1086	\$ 8.25	1086D	\$10.00	1	Single Pull	9 in.	3 3/4 in.	10 in.	3
1086A	9.00	1086E	12.00	2	Twin Pull	15 in.	3 3/4 in.	10 in.	3
1086B	10.00	1086F	12.00	1	Single Pull	9 in.	4 1/4 in.	10 in.	3
1086C	12.00	1086G	15.00	2	Twin Pull	15 in.	4 1/4 in.	10 in.	3



No. 1112

### Bracket Reflectors

For Blackboards, Advertising Signs, Wall Displays  
 25, 40, or 60 Watt Standard Lamps

No.	List Price	Material	Finish	Lights	Socket	Length of Reflector	Width of Reflector	Length of Arm	Standard Package
1112	\$ 9.50	Steel	Statuary Bronze	1	Keyless	9 in.	4 1/4 in.	10 in.	3
1112A	11.50	Steel	Statuary Bronze	2	Keyless	15 in.	4 1/4 in.	10 in.	3

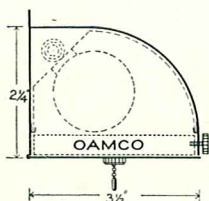


## Bank and Cashier Cage Reflectors



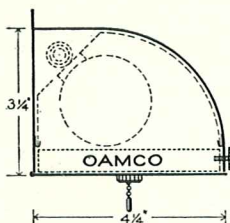
No. 1110

Made of steel or brass, with diffusing glass door and polished chromium plate reflecting lining. Wired with twin pull socket with wire outlet for  $\frac{5}{16}$ -inch flexible conduit. Standard finish of steel reflectors is black, brass reflectors bank bronze, but they may be obtained in other finishes if specified.



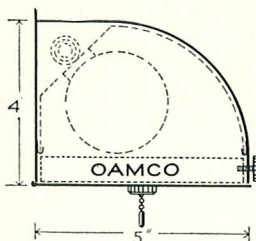
### For 25 Watt T-10 Tubular Lamps

No.	List Price	Length	Lights	Material	Finish	Std. Pkg.
1110	\$12.00	18 in.	2	Steel	Black	3
1110A	15.50	18 in.	2	Brass	Bank Bronze	3



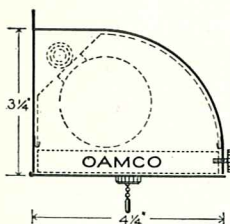
### For 25 or 40 Watt Lamps

No.	List Price	Length	Lights	Material	Finish	Std. Pkg.
1110B	\$12.50	18 in.	2	Steel	Black	3
1110C	17.00	18 in.	2	Brass	Bank Bronze	3



### For 50 or 60 Watt Lamps

No.	List Price	Length	Lights	Material	Finish	Std. Pkg.
1110D	\$13.00	18 in.	2	Steel	Black	3
1110E	18.00	18 in.	2	Brass	Bank Bronze	3



## Continuous Bank Screen Reflectors

### For 25, 40 or 50 Watt Lamps

Made in lengths up to 10 feet, and wired with keyless sockets spaced 12 inches apart. All other material used same as specified above.

No.	List Price Per Foot	Material	Finish	Std. Pkg. Feet
1110F	\$7.75	Steel	Black	10
1110G	10.35	Brass	Bank Bronze	10



## Wiring Channel and Fittings

For Use In Show Windows, Cove Lighting, and Similar Places

Channel and Fittings are Finished to Prevent Corrosion

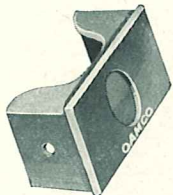
### Wiring Channel



No. 986

Standard lengths 10 feet, width 2¼ in. by 1¼ in. depth, 20 gauge steel with knockouts spaced on 3-inch centers for receptacles similar to Arrow No. 8109, Bryant No. 4133, P. & S. No. 4036.

No.	List Price Per Foot	Std. Pkg. Ft.
986	\$0.50	50

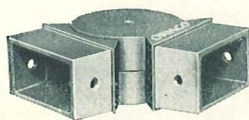


No. 987

### End Casting

For closing ends of channel

No.	List Price	Std. Pkg.
987	\$0.25	5



No. 988

### Hinge Joint

To adjust channel to any angle

No.	List Price	Std. Pkg.
988	\$1.00	1

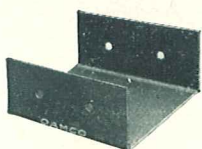


No. 989

### Ceiling Hanger

To hold channel when screwed to ceiling

No.	List Price	Std. Pkg.
989	\$0.15	5

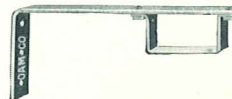


No. 993

### Coupling

Connects two pieces channel together

No.	List Price	Std. Pkg.
993	\$0.20	5

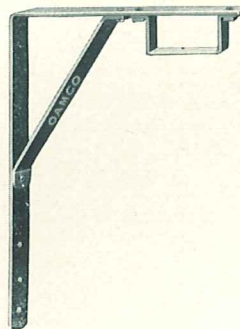


No. 990

### Transom Bar Hanger

To suspend channel from transom bar

No.	List Price	Std. Pkg.
990	\$0.50	5

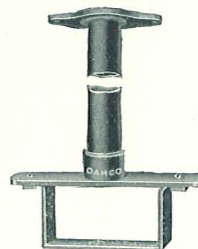


No. 991

### Transom Bar Hanger

To suspend channel from transom bar so lower edge of reflector will be even with transom bar

No.	List Price	Std. Pkg.
991	\$0.75	5

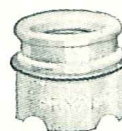


No. 992

### Ceiling Drop Hanger

To suspend channel from ceiling

No.	List Price	Std. Pkg.
992	\$0.50	5



No. 994

### Porcelain Receptacle

For use with channel No. 986. Has groove for a standard weatherproof shade holder

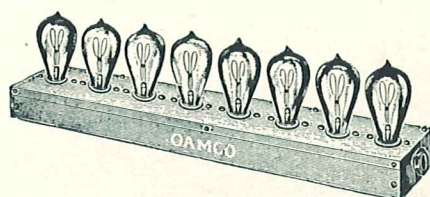
No.	List Price	Std. Pkg.
994	\$0.25	10

## Footlights and Border Reflectors

Used for Lighting Small Stages in Schools, Churches, and Similar Places

Made of 20 gauge galvanized steel, finished green outside, reflecting side white reflector enamel. Color effects are produced by using colored glass bulbs.

### Footlight Without Reflector



No. 592

No.	List Price Per Foot		Dimensions, inches	
			Width	Height
592	\$1.00	Straight	4	2
592B	2.00	Curved	4	2

Wiring and sockets, per light \$0.65 list each.

### Footlight With Reflector

For 50, 60, 75, 100 Watt Lamps



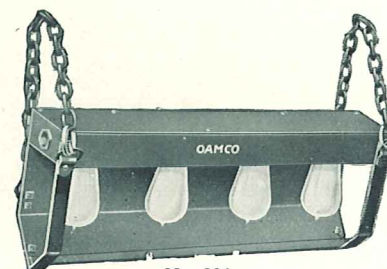
No. 833

No.	List Price Per Foot		Dimensions, inches	
			Width	Height
833	\$2.25	Straight	4	8
833A	3.50	Curved	4	8

Wiring and sockets, per light \$0.65 list each.

### Border Reflector

For 50, 60, 75, 100 Watt Lamps



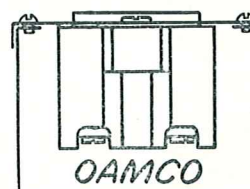
No. 834

No.	List Price Per Foot		Dimensions, inches	
			Width	Height
834	\$2.25		4	8

Wiring and sockets, per light \$0.65 list each.

### Wiring Channels

For Outline or Cove Lighting



No. 979

Made in lengths specified with receptacle holes punched on centers as wanted. Finished aluminum bronze.

For No. 59108 Receptacle or Similar

No.	List Price Per Foot	Dimensions, inches	
		Width	Height
1000	\$0.65	2 1/4	1 1/4
979	\$0.75	3	2

For No. 4063 Receptacle or Similar

Wiring and sockets, per light \$0.65 list each.

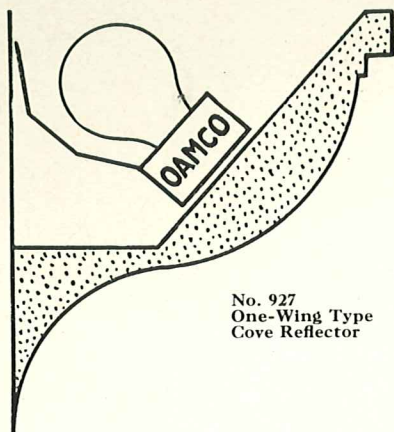




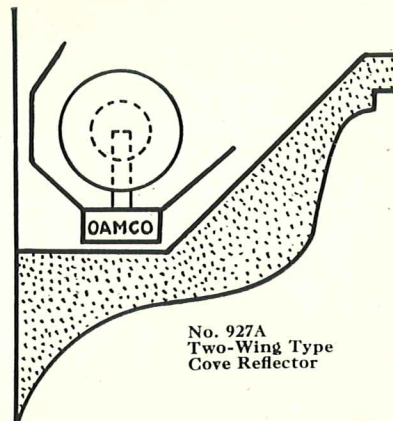
## Designs for Special Reflectors

To meet special conditions we are prepared to furnish designs and in position to estimate on designs and specifications of architects, engineers, and others.

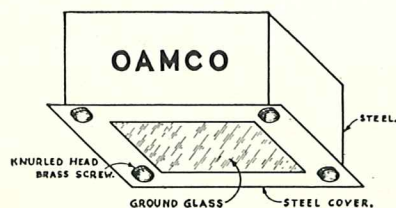
The sketches are for the purpose of showing a few of the many special forms which we have made in order to meet certain lighting requirements.



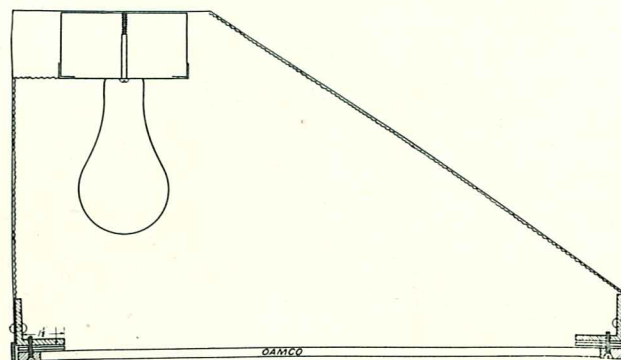
No. 927  
One-Wing Type  
Cove Reflector



No. 927A  
Two-Wing Type  
Cove Reflector



No. S-179 Panel Light



No. 948 Hand Ball and Squash Court Reflector

At the Century of Progress held in Chicago we manufactured reflectors of many different designs which were used in buildings such as

Hall of Religion  
Hall of Science  
Electrical Building

General Exhibits Building  
Agricultural Building  
Japanese Pavilion

Federal Building  
H. W. Johns-Manville Building  
John R. Thompson Restaurant



# OVERBAGH & AYRES MFG. CO.

411 S. CLINTON ST., CHICAGO, ILL.

Electrical Contractors', Electrical Contractor-Dealers' and Dealers' Discount Sheet No. 131

AUGUST 5, 1934

APPLYING TO CATALOG No. 89

CANCELING ALL PREVIOUS DISCOUNT SHEETS

## CLASSIFICATIONS OF TRADE

**Electrical Contractor, Electrical Contractor-Dealer and Dealer.** An electrical contractor is any firm (individual, partnership or corporation) or organization who supplies as a business and/or installs electrical equipment and supplies for individuals or firms, and who is licensed where required by state and local governments. A dealer is any firm (individual, partnership or corporation) who purchases electrical equipment and supplies for resale.

**Governmental Users.** Municipal, county, state and Federal governments and their agencies or political subdivisions.

**Public Utility Users.** Steam and electrical railroads and other transportation companies; public utilities, their subsidiaries and holding companies.

**Industrial and Commercial Users.** Manufacturing establishments, commercial establishments or organizations, and institutions in which the maintaining, servicing or repairing of existing installations is performed by own permanent employee or employees who are qualified to perform electrical maintenance work and are regularly and continuously employed for this purpose.

**Consumers.** Consumers are all users except those otherwise listed above.

Schedule	Quantities	Contractor-Dealer; Governmental and Public Utility Users	Industrial and Commercial Users	Consumer
A Page 4	Less than standard package 1 standard package or more 4 standard packages or more	20% 32% 34%	10% 24% 26%	List List List
A-1 Pages 5, 6, 7	Less than standard package Standard package or more	33% 40%	25% 33%	List List
B Pages 8, 9, 10, 11, 12, 13, 14, 15	Less than standard package 1 standard package or more 5 standard packages or more	20% 33% 39%	10% 25% 32%	List List List
B-1 Pages 16, 17, 18, 19, 20, 21	Less than standard package 1 standard package or more 5 standard packages or more	20% 33% 39%	10% 25% 32%	List List List
B-2 Page 21	Less than \$15 List \$15 to \$60 List \$60 List and over	20% 30% 40%		
C Pages 24, 25, 26, 27, 28	Less than standard package Standard package or more	30% 35%	23% 28%	List List
C-1 Pages 29, 30, 31	Less than standard package Standard package or more	30% 33 $\frac{1}{3}$ %	23% 25%	List List
D Pages 22, 23	Any quantity	40%	40%	25%
E Page 32	Less than standard package Standard package or more	33% 38%	25% 32%	List List
F Page 33	Any quantity	35%	28%	List



# Conditions of Sale

## Terms and Discounts

Terms are thirty days net, or 2% allowed for cash on invoices dated 1st to 15th if paid on 25th, on invoices dated 16th to 31st if paid on 10th of the following month.

Quantities and discounts apply to one delivery to one consignee.

Prices and discounts are subject to change without notice.

Minimum billing. No order will be billed at less than \$1.00 net.

## Assortment of Material

Assortment of materials within its own schedule is permitted in making up quantities to obtain the maximum discounts but must include at least one unbroken standard package.

## Shipments

Deliveries are F. O. B. cars, Chicago, Illinois, with freight allowed on Schedules A, A-1, B, B-1, C, E, and F, to point of destination on all orders for shipments weighing 100 lbs. or more. No allowance is made on orders for shipments weighing less than 100 lbs.

On Schedule D freight will be allowed to destination regardless of weight. All orders for express shipment of less than 100 lbs. are at Consignee's expense. On orders for express shipment of more than 100 lbs. buyer will be allowed, when due, an amount equivalent to allowable freight.

Goods are shipped at purchaser's risk. Our responsibility for safe delivery ceases when they have been received in good condition by the transportation company.

Overbagh & Ayres Mfg. Company will use its own discretion in routing all shipments upon which it allows transportation charges. Shipments will be made in any manner requested by the customer if the customer will assume the extra transportation costs.

## Packing

On domestic orders, except when otherwise specified, no charge. On export orders, packing charged at cost.

## Returned Goods

Goods returned will not be accepted unless accompanied by a "Returned Material Permission Slip." For goods accepted for return a credit will be issued at the prices prevailing at the time of shipment or at the time of return, whichever is lower, from which will be deducted the expense for return transportation and a minimum service charge of 10% of the invoice value to cover the cost of handling, packing, unpacking and placing the products in salable condition. Goods returned for defects in manufacture, delay in delivery, or errors in shipment will be accepted at full credit and without service charge. Requests to return materials must be made within 4 months from date of shipment.

## Sales Taxes

The amount of any present or future sales or other tax, Federal or State, which the manufacturer now or hereafter shall be liable for or required to pay, either on its own behalf or on behalf of the purchaser or otherwise, with respect to the material covered hereby shall be added to the prices contained herein and paid by the purchaser in the same manner and with the same effect as if originally added thereto.

## OVERBAGH & AYRES MFG. CO.

411 South Clinton Street

CHICAGO, ILL.

GRAVES ELECTRIC SUPPLY CO.  
28 SOUTH RICHARDSON ST.  
GREENVILLE, S. C.



**OAMICO**